

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of manufacturing a spectacle lens to be set in one of two sub-frames of a spectacle frame, the method being based on order information including a prescription value, the method comprising:

forming a lens member ~~forming step of~~ by obtaining a circular lens member by forming a circular plastic material into a curved surface shape of an optical surface satisfying an optical specification of the spectacle lens related to an order, the circular lens member being obtained before the lens member is processed into an edge shape, the circular plastic material being selected from a semi-finished lens blank or a lens blank, the semi-finished lens blank having a curved surface shape that is frequently ordered in a past actual order record and being used for forming the frequently ordered curved surface shape, the lens blank being used for forming a curved surface shape that is ordered at low frequency in the past actual order record,

wherein, in the lens member forming step, based on the order information including spectacle frame information and layout information,

an optical center of the optical surface is set at a position having a distance away from a geometric center of the circular lens member, the distance corresponding to an inward eccentric quantity calculated based on a pupil distance PD and a distance between centers of the two sub-frames, a geometric center of the edge shape corresponding to an associated sub-frame center, and

the geometric center of the circular lens member corresponds to the associated sub-frame center and the geometric center of the edge shape.

2. (Currently Amended) The method of claim 1, wherein said lens member

forming step selectively uses the semi-finished lens blank of which one surface has not yet been processed or the a-lens blank of which both surfaces have not yet been processed to the curved surface shape satisfying the optical specification of the spectacle lens related to the order, but processed to a predetermined surface shape as the circular plastic material of a processing target, and is able to process the spectacle lens related to the order appropriately out of a plurality of the semi-finished lens blank or the lens blanks manufactured and prepared in advance, and

wherein the lens blank has an outside diameter at least larger than a maximum distance between one of the sub-frame centers and the associated sub-frame of the spectacle frame related to the order and having the smallest outside diameter as well, the lens blank being selected and processed so that the spectacle lens related to the order is manufactured.

3. (Previously Presented) The method of claim 1,

wherein said lens member forming step uses a numerical-control curve generator generating the curved surface shape of a processing target by controlling distances from a cutting blade to the plastic material and a rotation axis, respectively, in accordance with the curved surface shape of a formation target while rotating the plastic material around the rotation axis passing through a specific point of the curved surface of the processing target, and

wherein the plastic material is arranged so that the center thereof being a geometric center of an edge shape of the spectacle lens comes above the rotation axis, a calculation is made to obtain a tilt angle in a case where a reference surface of the plastic material is tilted at a predetermined angle with respect to a case where the processing is performed on assumption that an optical center or a lens vertex positions above the rotation axis, and a processing is performed by tilting the reference surface of the plastic material beforehand to offset the tilted angle.

4. (Currently Amended) A spectacle lens manufacturing system, comprising:

an order placement-side computer ~~processing and transmitting~~ configured to process a transmit information required to order a spectacle lens including frame shape information;

a manufacturing-side computer ~~acquiring~~ configured to acquire information required to manufacture the spectacle lens-related to the order by receiving the information transmitted by the order placement-side computer; and

a spectacle lens manufacturing device ~~manufacturing~~ configured to manufacture the spectacle lens-related to the order that is processed to have a shape settable in one of two sub-frames of a frame by performing processes including formations of a curved surface and edge shape on a circular plastic material based on the information acquired by the manufacturing-side computer, each sub-frame having a ~~center~~; center, the circular plastic material being selected from a semi-finished lens blank or a lens blank, the semi-finished lens blank having a curved surface shape that is frequently ordered in a past actual order record and being used for forming the frequently ordered curved surface shape, the lens blank being used for forming a curved surface shape that is ordered at low frequency in the past actual order record;

wherein said spectacle lens manufacturing device selectively uses, as the circular plastic material of a processing target, the semi-finished lens blank of which one surface has not yet been processed or the a-lens blank being a partly finished product of which both surfaces are have not yet been processed to have a curved surface satisfying an ultimate optical specification but have a predetermined surface shape,

wherein an area of the edge shape on a surface of the circular plastic material is determined prior to processing the unprocessed surface of semi-finished lens blank or both surfaces of the lens blank to be curved, so that a geometric center of the semi-finished lens

blank or the lens blank does not match an optical center of the spectacle lens but matches with a geometric center of the edge shape to be processed and the center of one of the sub-frames,

wherein an optical center of an optical surface of the spectacle lens is set at a position having a distance away from a geometric center of the spectacle lens before being processed into the edge shape, based on order information including spectacle frame information and layout information,

wherein the distance away from the geometric center of the spectacle lens corresponds to an inward eccentric quantity calculated based on a pupil distance PD and a distance between the centers of the two sub-frames, the geometric center of the edge shape corresponding to the associated sub-frame center and the geometric center of the semi-finished lens blank or the lens blank,

wherein said spectacle lens manufacturing device selects, out of ~~plural a~~ plurality of the semi-finished lens blank or the lens blank of different outside diameters and/or lens thicknesses prepared in advance, the semi-finished lens blank or the lens blank having the outside diameter and/or lens thickness size(s) allowing an appropriate processing for the spectacle lens-related to the order,

wherein the selection of the outside diameter of the semi-finished lens blank or the lens blank is conducted by specifying based on a distance from one of the sub-frame centers to an associated sub-frame and the spectacle lens-related to the order is manufactured by processing the selected semi-finished lens blank or lens blank, and

wherein the curved surface formation is performed to the unprocessed surface of the semi-finished lens blank or both of the surfaces of the lens blank selected by the selection.

5. (Currently Amended) The method of claim 2,

wherein said lens member forming step uses a numerical-control curve generator generating the curved surface shape of a processing target by controlling distances from a cutting blade to the circular plastic material and a rotation axis, respectively, in accordance with the curved surface shape of a formation target while rotating the circular plastic material around the rotation axis passing through a specific point of the curved surface of the processing target, and

wherein the circular plastic material is arranged so that the center thereof being a geometric center of an edge shape of the spectacle lens comes above the rotation axis, a calculation is made to obtain a tilt angle in a case where a reference surface of the circular plastic material is tilted at a predetermined angle with respect to a case where the processing is performed on assumption that an optical center or a lens vertex positions above the rotation axis, and a processing is performed by tilting the reference surface of the circular plastic material beforehand to offset the tilted angle.